



# Fact Sheet

## Proposed Remedial Alternatives Hanley Area of the Former St. Louis Ordnance Plant St. Louis, Missouri

November 2010



88<sup>th</sup> Regional  
Support Command



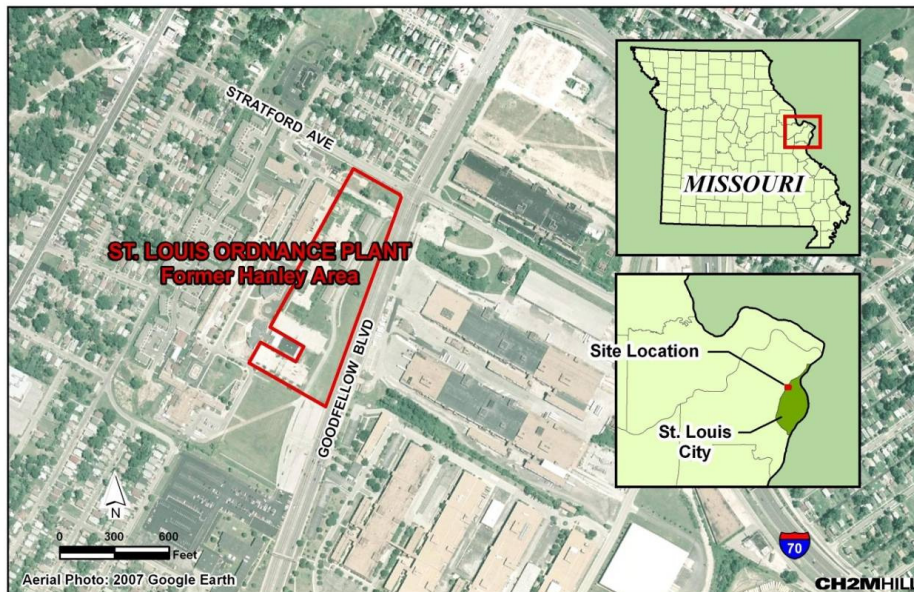
US Army Corps  
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### INTRODUCTION

The Army recently completed a remedial investigation (RI) at the Hanley Area of the former St. Louis Ordnance Plant. The investigation revealed the presence of contamination that poses potential risks to human health and the environment. The Army has developed a plan for addressing the contamination and is seeking input from the public before selecting a final remedy. This fact sheet provides information on the site and how the public can review the Army's plan for addressing site contamination.

### LOCATION

The Hanley Area is located on the western city limits of St. Louis, MO, adjacent to St. Louis County. The facility lies approximately three miles west of the Mississippi River and 0.25 miles south of the intersection of Interstate 70 and Goodfellow Boulevard. It consists of 14.68 acres of land bounded by Stratford Avenue to the north and Goodfellow Boulevard to the east.



### SITE HISTORY

The St. Louis Ordnance Plant operated from 1941 to 1945 as a small arms ammunition production facility. Hanley Industries, Inc., leased the 14.68 acres in 1959 and conducted operations there through 1979. Hanley used the site for research, development, manufacture, and testing of various explosives. Historic waste handling, generation, and disposal practices resulted in soil and groundwater contamination consisting primarily of metals and volatile organic compounds.

## **PROPOSED REMEDIAL ALTERNATIVES**

Following the completion of the RI, a feasibility study (FS) was performed to develop and evaluate alternatives for addressing potential unacceptable risks to human health and the environment. Remedial action objectives were established based on state and federal regulatory requirements, standards, and guidance. Based on the risks present at the site, the following alternatives were developed:

- Alternative 1: No Action (must be considered by law for comparison with other alternatives)
- Alternative 2: In Situ Groundwater Treatment using Thermal Technologies, Soil and Powder Well Sediment Removal, and Offsite Disposal
- Alternative 3: In Situ Groundwater Treatment using Chemical Processes and Soil Mixing, Soil and Powder Well Sediment Removal and Offsite Disposal
- Alternative 4: Groundwater Source Removal by Excavation, Soil and Powder Well Sediment Removal, and Offsite Disposal

## **PREFERRED ALTERNATIVE AND OPPORTUNITY FOR PUBLIC COMMENT**

The Army has identified Alternative 3, presented in the FS, as the preferred alternative for the Hanley Area. This recommendation is presented in a proposed plan that is available for public comment and review. The proposed plan is available at the Julia Davis Branch Library at 4415 Natural Bridge Avenue in St. Louis and online at: <http://dnr.mo.gov/env/hwp/fedfac/ffs-dod.htm#sl-ord>.

The purpose of the proposed plan is to solicit public participation and input on the preferred alternative. The public is invited to review and comment on the proposed plan during a 30-day public comment period that begins on November 29, 2010 and ends on December 29, 2010.

A public meeting will be held at Julia Davis Branch Library on December 13, 2010, during which the public may provide oral or written comments on the preferred alternative. During the public comment period, written comments may also be submitted to the following addresses:

### **U.S. Corps of Engineers – Kansas City District**

**Josephine Newton-Lund**

**Senior Project Manager**

U.S. Army Corps of Engineers – Kansas City District

601 East 12th Street/CENWK-PM-ES

Kansas City, MO 64106

Josephine.M.Newton-lund@usace.army.mil

The Army will select a final remedy after reviewing and considering comments submitted during the public comment period. The Army, in consultation with U.S. Army Environmental Command and the Missouri Department of Natural Resources, Missouri Department of Health and Senior Services, and U.S. Environmental Protection Agency, may modify the preferred alternative or select another based on new information or public comments; therefore, the public is encouraged to review and comment on the alternatives presented in the proposed plan.